

AMENDMENTS TO CLAIMS:

Please cancel claim 24 and amend claims 2-4, 7, 8, 10, 13-16, 20 and 21, as follows, wherein underlining indicates additions and strikethrough and double bracketing indicates deletions:

1. (Canceled)
2. (Currently Amended) The elevator apparatus according to claim 7, wherein said actuating device includes a support member, ~~the speed reducer~~ a speed-reducer mounted on a first side of said support member, the ~~drive~~motor assembly mounted on a second side of said support member, said second side being opposite from said first side.
3. (Currently Amended) The elevator apparatus according to claim 20, wherein said speed-reducer, said ~~drive~~motor assembly and said brake assembly are arranged coaxially to one another.
4. (Currently Amended) The elevator apparatus according to claim 20, wherein said brake assembly is arranged radially inwardly of said ~~drive~~motor assembly.
5. (Previously Presented) The elevator apparatus according to claim 2, wherein an output wheel of said speed-reducer constitutes said sheave.
6. (Original) The elevator apparatus according to claim 2, wherein said support member is attached to a floor surface of said machine room.
7. (Currently Amended) An elevator apparatus comprising:
a cage;
an elevator passage in which said cage is moved ascendingly and descendingly;
a machine room adjacent a top of said elevator passage, wherein the machine room is located in a top floor of a building having a ceiling, the ceiling lying substantially in the same plane as an upper limit of said elevator passage;
an actuator~~actuating~~ device including a sheave around which a rope engaged with the cage is wound and a ~~driving section~~motor assembly for rotating said sheave ~~having a drive assembly and a speed reducer~~, wherein said ~~driving section having said speed reducer~~motor

assembly is mounted in said machine room so that said sheave is projected into said elevator passage; and

a rotation surface of said sheave is generally perpendicular to an axis of rotation of said sheave and opposed to a side of said cage when said cage is positioned at said top of said elevator passage.

8. (Currently Amended) The elevator apparatus according to claim 7, wherein said drivemotor assembly includes:

a rotary disc extending radially;

a ring extended from an outer circumference of said rotary disc on an outer surface of which permanent magnets are attached so as to constitute a rotor; and

a stator arranged radially outwardly of said ring.

9. (Previously Presented) The elevator apparatus according to claim 8, further comprising an encoder arranged at a center of a space formed inside of said ring.

10. (Currently Amended) The elevator apparatus according to claim 7, wherein said drivemotor assembly includes a rotary disc extending radially, and a rotor being fixed to an outer circumference of said rotary disc; and

said actuating device further includes a support member positioned in facing relationship to a web of said rotary disc.

11. (Previously Presented) The elevator apparatus of claim 10, wherein said support member rotationally supports said sheave.

12. (Previously Presented) The elevator apparatus according to claim 10, wherein said support member includes a first support member on which a plurality of columnar parts project, and a second support member fixed to said columnar parts; and

said sheave is rotationally supported by said first support member and said second support member.

13. (Currently Amended) The elevator apparatus according to claim 7, wherein [[said]]a speed-reducer is arranged radially inwardly of said sheave.

14. (Currently Amended) The elevator apparatus according to claim 7, wherein said ~~driving section includes~~motor assembly rotatably drives an input shaft; ~~said speed reducer includes~~a speed-reducer including rotary elements, each contacting a circumferential surface of said input shaft such that the rotary elements rotate as said input shaft rotates; and
a cylindrical element having an inner circumferential surface contacting said rotary elements to rotate as said rotary elements rotate.

15. (Currently Amended) The elevator apparatus according to claim 7, wherein ~~said speed reducer~~a speed-reducer and said ~~drive~~motor assembly are mounted on a single input shaft, so as to be adjacent to each other.

16. (Currently Amended) The elevator apparatus according to claim 14, wherein said ~~speed reducer~~speed-reducer further includes intermediate shafts that rotatably support said rotary elements, respectively, and that are supported by said support member.

17. (Previously Presented) The elevator apparatus according to claim 16, wherein each of said intermediate shafts has axial ends supported by said support member.

18. (Previously Presented) The elevator apparatus according to claim 12, wherein each of said rotary elements is accommodated in a space defined between said first and second support members.

19. (Previously Presented) The elevator apparatus according to claim 15, wherein said rotary elements, said cylindrical element and said sheave are arranged on and along the same plane.

20. (Currently Amended) The elevator apparatus according to claim 7, wherein a brake assembly is provided between an elevator passage side axial end plane of said sheave and a machine room side end plane of said ~~drive~~motor assembly.

21. (Currently Amended) The elevator apparatus according to claim [[10]]20, wherein said brake assembly is arranged radially inwardly of said ~~drive~~motor assembly.

22. (Previously Presented) The elevator apparatus according to claim 7, wherein a sectional area of said machine room defined along a horizontal direction is smaller

than a sectional area of said machine room defined along a vertical direction perpendicular to the axis of rotation of said sheave.

23. (Previously Presented) The elevator apparatus according to claim 7, wherein a width of said actuating device is smaller than an outer diameter of said sheave.

24. (Canceled)